

determining the length of time to provide a selected media stream to the viewing user before cutting to another media stream from the related media streams. In general, a production template includes default production attributes that help determine the look and feel of a production media stream. For example, if the media presentation system **102** is using a movie trailer type production template, the media presentation system **102** may generally cut between media streams every few seconds. If the media presentation system **102** is using a sports production template, the media presentation system **102** may use longer continuous shots from the same media stream followed by replays from the selected media stream as well as other related media streams. As discussed below, the media presentation system **102** can employ a number of production templates in determining the optimal time the media presentation system **102** should provide a selected media stream to viewing users.

[0155] Further, in many cases, the production template that the media presentation system **102** selects may be based on the content and subject matter to which the related media streams correspond. As an example, if the media presentation system **102** detects that the related media streams correspond to a sports game, the media presentation system **102** may use a sports production template, or a particular sporting-type template (e.g., a template designed for a football game, a tennis match, baseball game, a basketball game, etc.). As another example, upon determining that multiple media streams relate to a concert, the media presentation system **102** may select a concert production template that specifies providing longer cuts from media streams that include close-up shots of performers at the concert or that specifies switching between media streams based on the current status of the performance (e.g., whether a performer is performing a solo).

[0156] Returning to FIG. 4A, in step **416**, the media presentation system **102** updates the selection to select a second media stream to provide to the viewing user based on the updated media characteristics. In particular, when the media presentation system detects a change in the media characteristics of the related media streams, the media presentation system **102** may determine that the media characteristics of the second media stream outperform the first media stream. As a result, the media presentation system **102** switches to the second media stream. As another possibility, while the media characteristics of the first media stream may continue to have equal or better media characteristics than the second media stream, the media presentation system **102** may decide, based on the elapsed time that the media presentation system **102** has provided the first media stream to the viewing user, to change selections to the second media stream, as described above.

[0157] Upon switching selections to the second media stream, the media presentation system **102** may provide the second media stream to the viewing user. In particular, step **418** illustrates the media presentation system **102** providing the second media stream to the viewing client device **104**. For example, upon selecting the second media stream, the media presentation system **102** switches from providing the first media stream in a production media stream to providing the second media stream in the production media stream.

[0158] Upon the media presentation system **102** sending the second media stream to the viewing client device **104**, the viewing client device can present the selected second media stream to the viewing user. For instance, if the

viewing client device **104** is presenting a production media stream to the viewing user, the production media stream may automatically switch from the first media stream to the second media stream on the viewing client device **104**. In other words, from the perspective of the viewing client device **104**, the viewing client device **104** continues to provide the production media stream to the viewing user even though the media presentation system **102** switches from providing the first media stream to providing the second media stream in the production media stream.

[0159] Referring now to FIG. 4B, in some example embodiments, the viewing user may desire to view one or more additional media streams associated with a media presentation. For example, if the viewing user is watching the production media stream, the viewing user may request to view one or more additional media streams. For instance, the viewing user may select a graphical user interface option to access addition angles and/or perspectives. Accordingly, as illustrated in step **420** of FIG. 4B, the viewing client device **104** receives the request to view additional media streams for the event. As shown in step **422** of FIG. 4B, the viewing client device **104** sends the request for the additional media streams to the media presentation system **102**. In an alternative embodiment, the viewing client device **104** may already be accessing one or more additional media streams of the event. For example, the media presentation system **102** may be sending each media stream relating to the event as part of the media presentation, including the production media stream. As such upon receiving the request, the viewing client device **104** may present the additional media streams to the viewing user, as shown in step **428**.

[0160] In the event the media presentation system **102** receives a request from the viewing client device **104** to provide additional media streams to the media presentation system **102**, the media presentation system **102** can provide one or more related media streams to the viewing client device **104**. In particular, as step **424** of FIG. 4B shows, the media presentation system **102** selects additional media streams based on the media characteristics of each media stream **424**. In some instances, the media presentation system **102** may select a predetermined number of additional media streams to provide to the viewing client device **104**. For example, the media presentation system **102** may only select media streams that meet threshold quality standards, before or after the media presentation system **102** applies production edits, as described above. As such, the media presentation system **102** may evaluate the media characteristics of each additional media stream to determine the quality of the media stream and whether to send to the media stream based in the quality level of the media stream, as described above.

[0161] In some example embodiments, the media presentation system **102** may identify that the viewing client device **104** has limited display capabilities. For instance, the media presentation system **102** may identify that a viewing client device cannot comfortably display more than four media streams at the same time. Accordingly, the media presentation system **102** may limit the number of provided media streams to four or less. Alternatively, the media presentation system **102** may disregard the capabilities of a viewing client device and may allow the viewing client device to